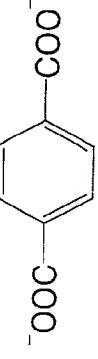
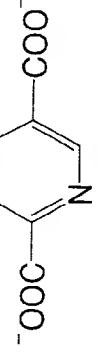
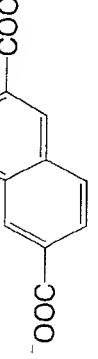
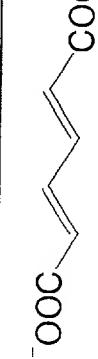
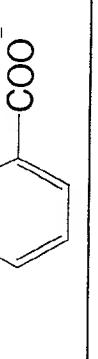


Appendix A

Table 1

(1 page)

Table 1

	classification	substituent	structural formula
No.1	general formula (4)	a → paraphenylenc group	
No.2	general formula (4)	a → 2, 5—pyridylene group	
No.3	general formula (4)	a → 2, 6—naphthylene group	
No.4	general formula (5)	b → 1, 4—cyclohexylene group	
No.5	general formula (6)	n = 1	
No.6	general formula (6)	n = 2	
No.7	general formula (7)	c → phenyl	

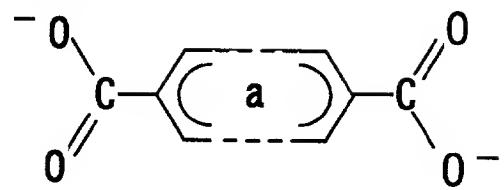
Appendix B

Chemical Formulas

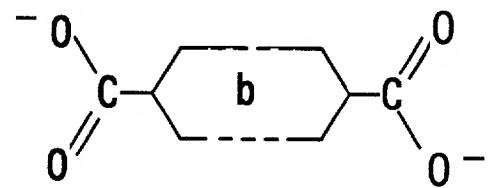
1-20

(9 pages)

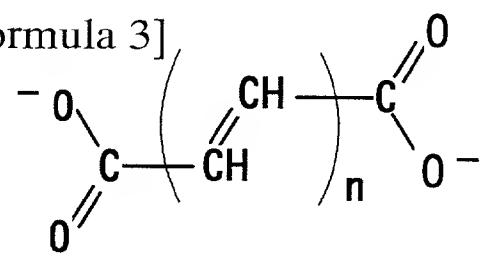
[Chemical Formula 1]



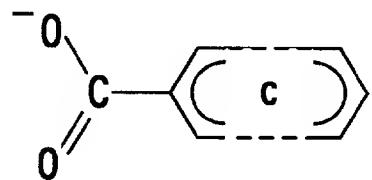
[Chemical Formula 2]



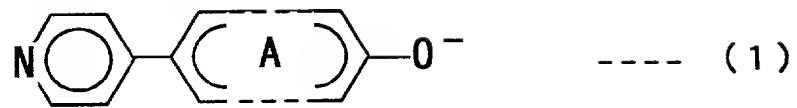
[Chemical Formula 3]



[Chemical Formula 4]

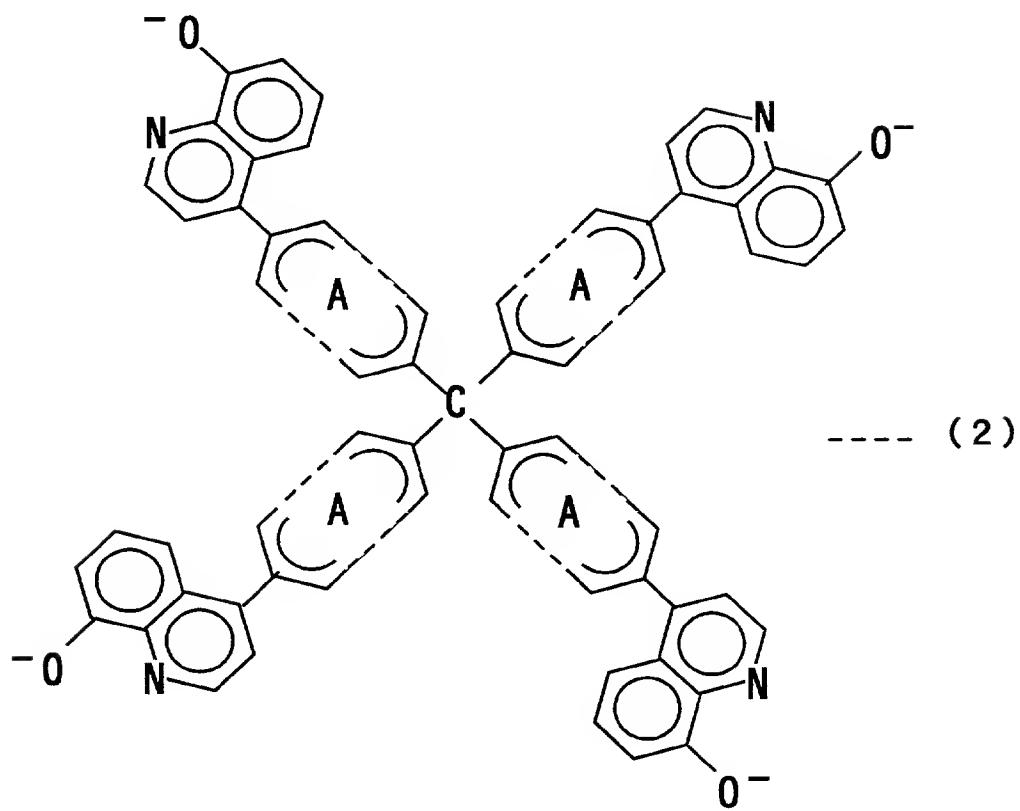


[Chemical Formula 5]



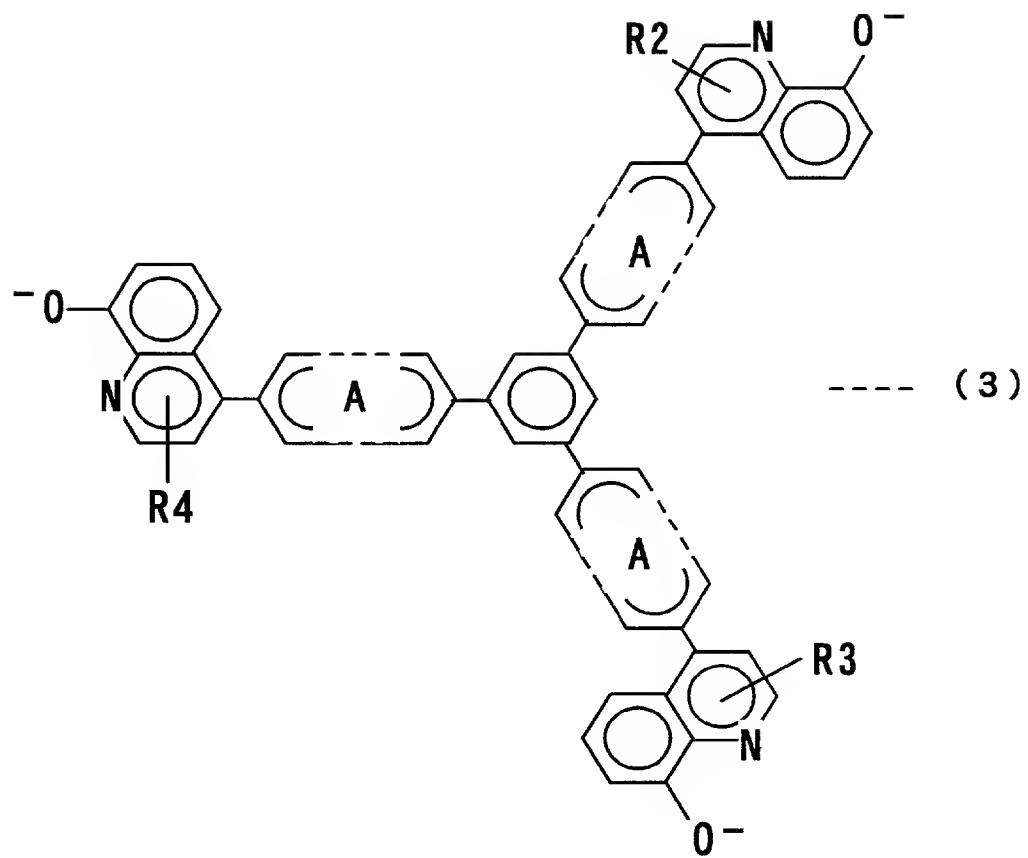
----- (1)

[Chemical Formula 6]

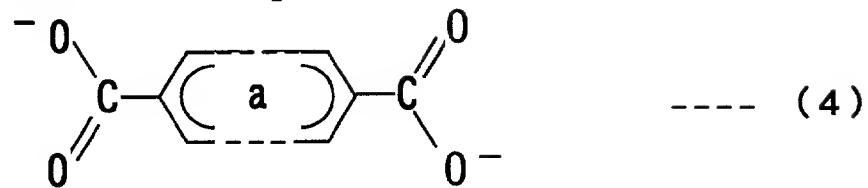


----- (2)

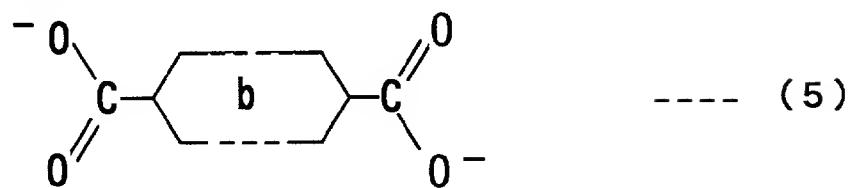
[Chemical Formula 7]



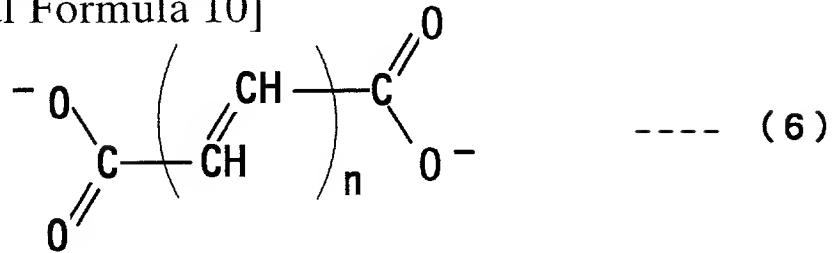
[Chemical Formula 8]



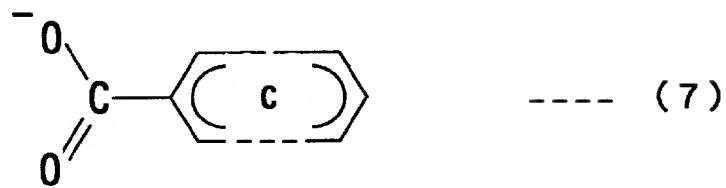
[Chemical Formula 9]



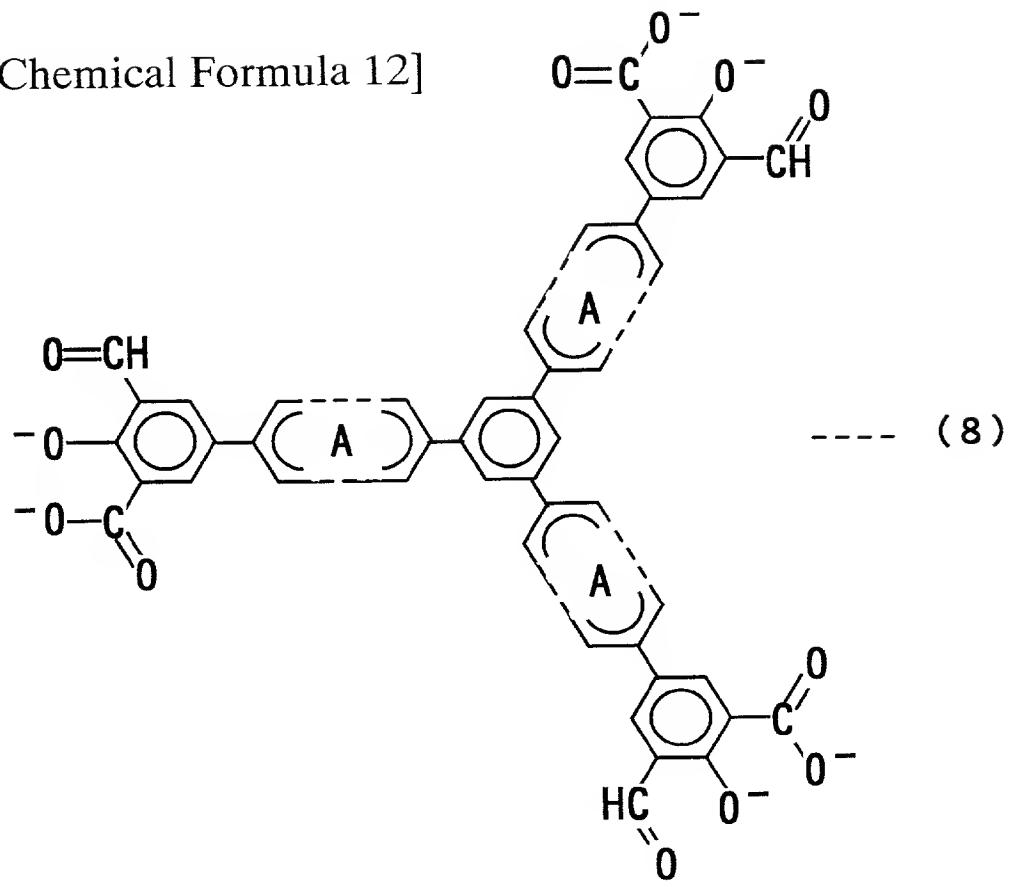
[Chemical Formula 10]



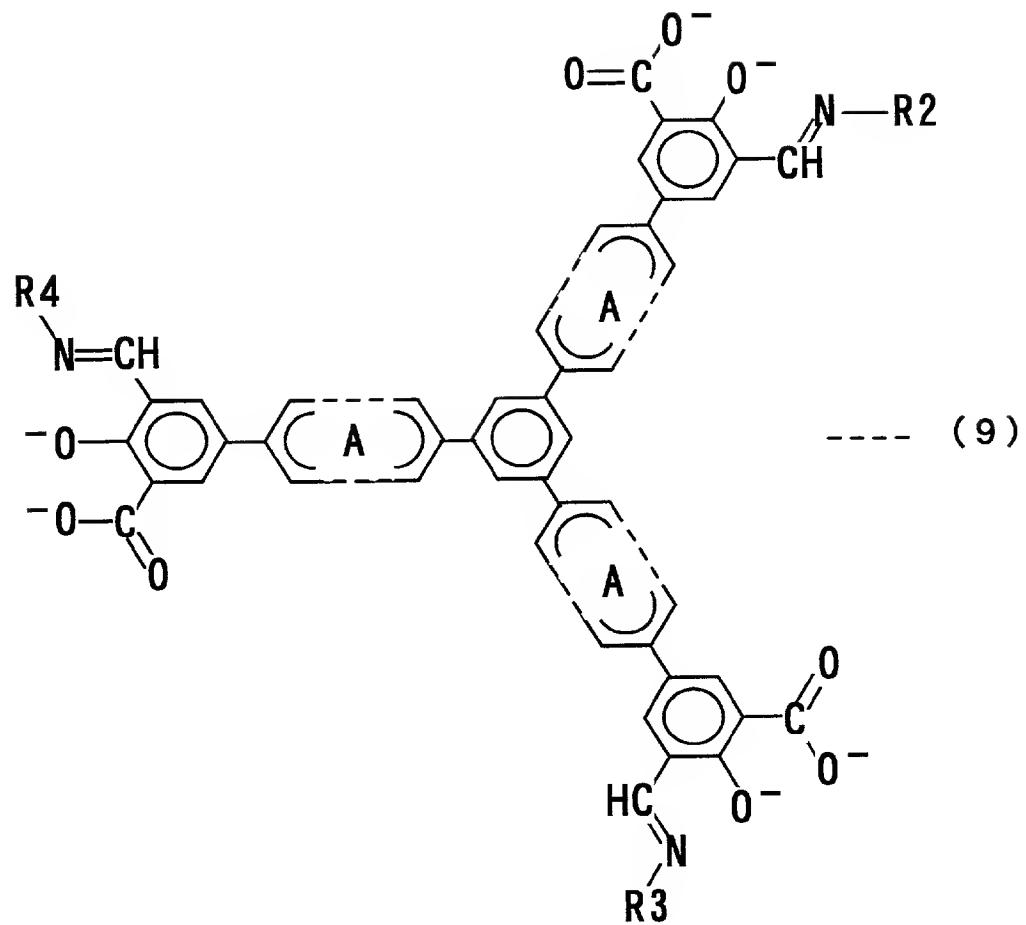
[Chemical Formula 11]



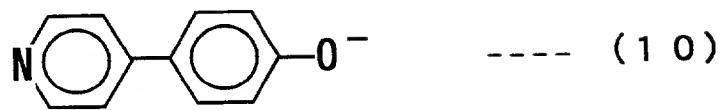
[Chemical Formula 12]



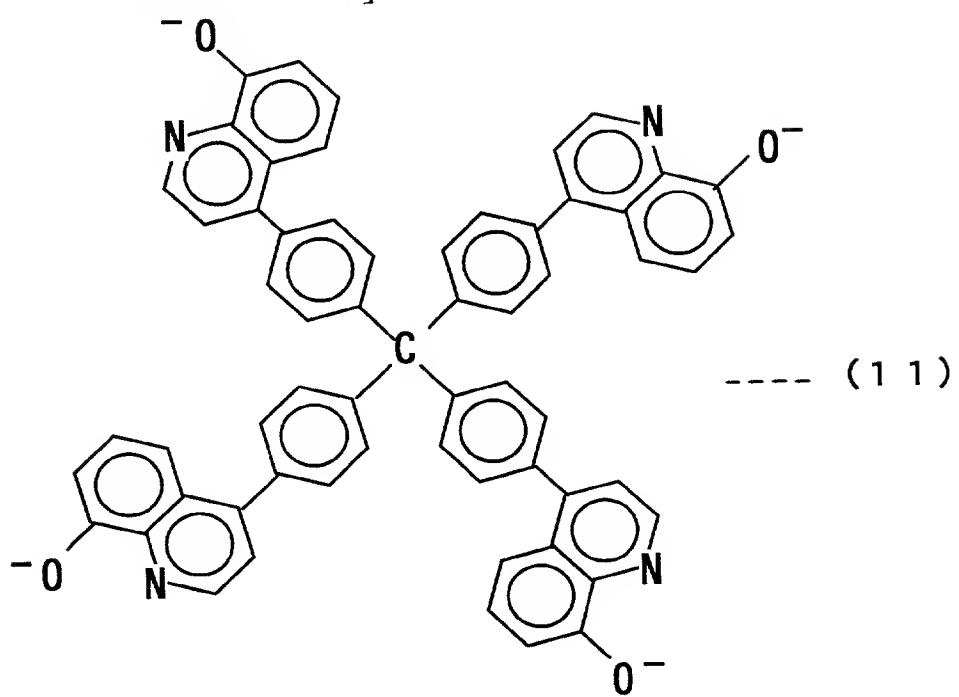
[Chemical Formula 13]



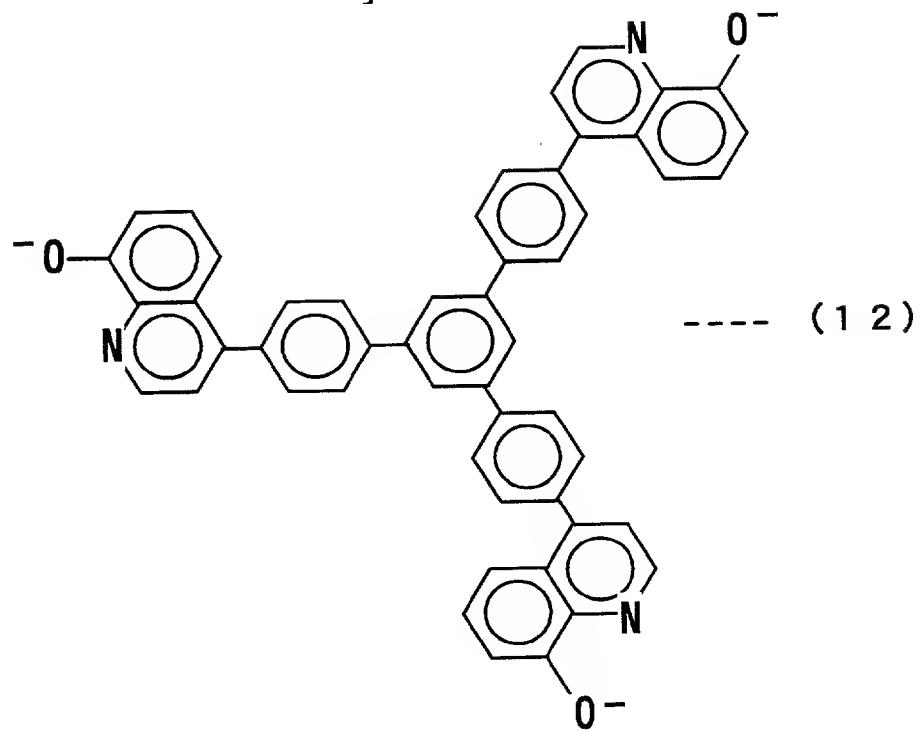
[Chemical Formula 14]



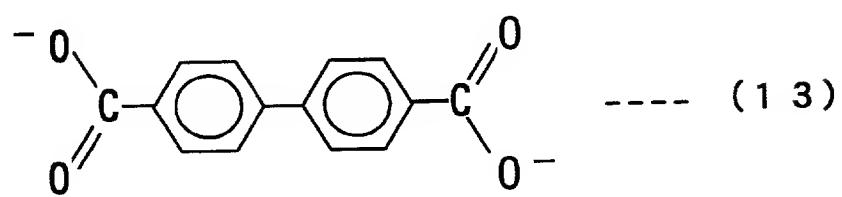
[Chemical Formula 15]



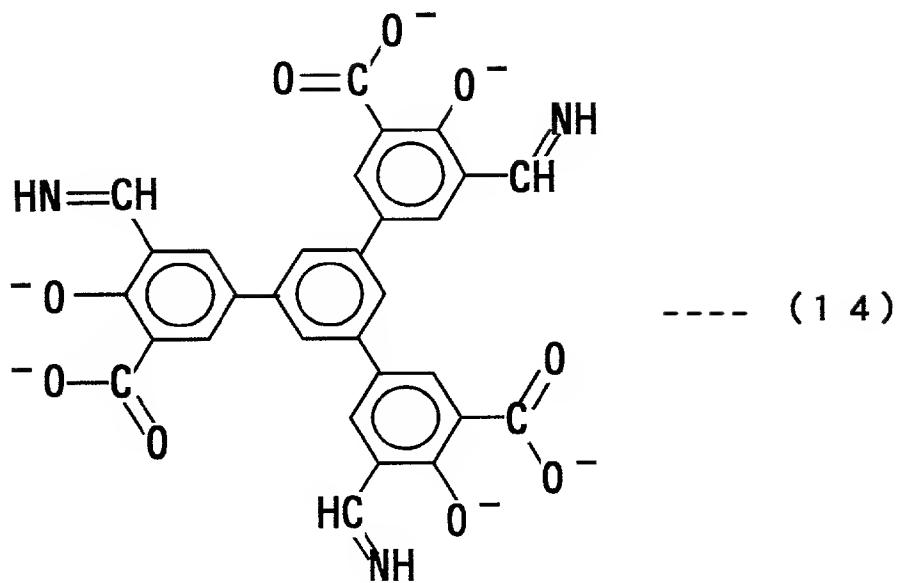
[Chemical Formula 16]



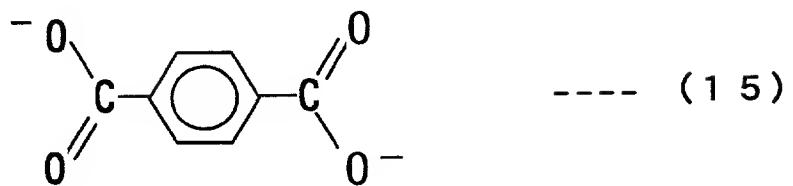
[Chemical Formula 17]



[Chemical Formula 18]



[Chemical Formula 19]



[Chemical Formula 20]

